II. CLAIM AMENDMENTS

1.   (Currently Amended) A method of controlling, at a server, access right of a message received from a terminal at the server, and where the message is processed by a protocol stack ~~(50)~~, and where the message is a data packet comprising:

a sender address specifying the address of the terminal,

a port number specifying the application address of the instance sending the message at the terminal, and

user data including the contents of the message,

and the method comprising:

checking the right of the message to enter the server before the message is allowed to pass to the protocol stack ~~(50), characterised in that the method further comprises:~~

establishing a session between the server and the terminal and for receiving the data packet within the session, and the checking of the right of the message to enter the server comprises ~~the steps of~~:

storing a number ~~(Y)~~ of access right licenses purchased by a licensee, and reserving a license ~~(C)~~ of the licensee if the data packet arrived in a new concurrent session relating to the licensee, and

controlling that the number of reserved licenses ~~(C)~~ does not exceed the number of purchased access right licenses ~~(Y)~~.

2.   (Currently Amended) A method according to claim 1, ~~characterised in that~~ wherein the method further comprises

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reading both the sender address and the port number from the data packet for identifying the terminal.

3.   (Currently Amended) A method according to claim 1, ~~characterised in that~~ wherein the method further comprises:

communicating messages with a particular wireless network and adapting messages received from the wireless network for the protocol stack ~~(50)~~, and after the adaptation ~~performing the steps of~~ checking the access right.

4.   (Currently Amended) A method according to claim 1, ~~characterised in that~~ wherein the method further comprises:

reserving a license for the session as a response to having determined existance of access right, and

monitoring the time passed since the last data packet arrived in one session, and releasing the license for the session where a predetermined time has passed since the last data packet arrived in the session.

5.   (Currently Amended) A method according to claim 2, ~~characterised in that~~ wherein the method further comprises:

reserving a license ~~(C)~~ for each different combination of sender address and port number found in a data packet.

6.   (Currently Amended) A method according to claim 1, ~~characterised in that~~ wherein the method further comprises:

passing the message to the protocol stack ~~(50)~~ in response to determining allowed access, and

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discarding the message in response to determining denied access.

7. (Currently Amended) A method according to claim 6, ~~characterised in that~~ wherein the method further comprises:

returning an error message to the terminal in response to a discarded message.

8. (Currently Amended) A method according to claim 4, ~~characterised in that~~ wherein where the license has been released for a particular session and a data packet again arrives in that

session, performing the access right checking for the newly received data packet and reserving a new license upon allowed access.

9. (Currently Amended) A method according to claim 4, ~~characterised in that~~ wherein where a data packet arrives before said predetermined time has passed, performing the access right checking for the newly received data packet, and allowing access on basis of the already reserved license without reserving a new license.

10. (Currently Amended) A method according to claim 1, ~~characterised in that~~ wherein the terminals comprise mobile ~~terminals, for example cellular telephones, supporting the Wireless Application Protocol, WAP~~.

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11. (Currently Amended) A server for receiving a message from a terminal and comprising a protocol stack ~~(50)~~ for processing the message according to a particular protocol stack,

wherein the message is a data packet comprising:

a sender address specifying the address of the terminal,

a port number specifying the application address of the instance sending the message at the terminal, and

user data including the contents of the message, and the server further comprising:

license control means ~~(53)~~ for controlling the access right of the message to enter the server before the message is allowed to pass to the protocol stack ~~(50)~~, ~~characterised in that the server further comprises~~

connection means ~~(50 - 52)~~ for establishing a session between the server ~~20~~ and the terminal and for receiving the data packet within the session,

storage means for storing a number ~~(Y)~~ of access right licenses purchased by a licensee, ~~and~~

means for reserving a license ~~(C)~~ of the licensee for each data packet arriving in a new concurrent session relating to the licensee, and

means for controlling that the number of reserved licenses ~~(C)~~ does not exceed the number of purchased access right licenses ~~(Y)~~.

12. (Currently Amended) A server according to claim 11, ~~characterised in that~~ <u>wherein</u> the server further comprises

means ~~(53)~~ for reading both the sender address and the port number from the data packet for identifying the terminal.

13. (Currently Amended) A server according to claim 11, ~~characterised in that~~ <u>wherein</u> the server further comprises

a bearer adapter ~~(51)~~ for communicating messages with a particular wireless network and for adapting messages received from the wireless network for the protocol stack ~~(50)~~, and wherein the license control means ~~(53)~~ have been placed functionally below the protocol stack ~~(50)~~ and above the bearer adapter ~~(51)~~ in the server hierarchy.

14. (Currently Amended) A server according to claim 12, ~~characterised in that~~ <u>wherein</u> the server further comprises

reservation means ~~(53)~~ for reserving a license for the session as a response to the license control means ~~(53)~~ having determined existance of access right, and

timing means ~~(53)~~ for monitoring the time passed since the last data packet arrived in one session, and releasing the license for the session where a predetermined time has passed since the last data packet arrived in the session.

15. (Currently Amended) A server according to claim 12, ~~characterised in that~~ <u>wherein</u> the server further comprises<u>:</u>

means for reserving a license ~~(C)~~ for each different combination of sender address and port number found in a data packet.

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16. (Currently Amended) A server according to claim 11, ~~characterised in that~~ wherein the server further comprises

means ~~(53)~~ for passing the message to the protocol stack ~~(50)~~ in response to determining allowed access and for discarding the message in response to determining denied access.

17. (Currently Amended) A server according to claim 16, ~~characterised in that~~ wherein the server further comprises

means ~~(53)~~ for returning an error message to the terminal in response to a discarded message.

18. (Currently Amended) A server according to claim 11, ~~characterised in that~~ wherein the server comprises a gateway server serving a plurality of mobile terminals.

19. (Currently Amended) A server according to claim 18, ~~characterised in that~~ wherein the server comprises a Wireless Application Protocol, WAP, gateway.

20. (Currently Amended) A computer program product executable and embodied in a computer readable medium for controlling, at a server, access right of a message received from a terminal at the server, where the message is processed by a protocol stack ~~(50)~~ and wherein the message is a data packet comprising:

a sender address specifying the address of the terminal,

a port number specifying the application address of the instance sending the message at the terminal, and

user data including the contents of the message, and the computer program product comprising:

computer readable program means ~~(53, 56, 63)~~ for controlling the access right of the message to enter the server before the message is allowed to pass to the protocol stack ~~(50)~~, ~~characterised in that~~wherein the computer program product further comprises:

computer readable program means for causing the server to establish a session between the server and the terminal and for receiving the data packet within the session,

computer readable program means for causing the server to store a number ~~(Y)~~ of access right licenses purchased by a licensee, and

computer readable program means for causing the server to reserve a license ~~(C)~~ of the licensee for each data packet arriving in a new concurrent session relating to the licensee, and

computer readable program means for causing the server to control that the number of reserved licenses ~~(C)~~ does not exceed the number of purchased access right licenses ~~(Y)~~.

21. (New) A method according to claim 10, wherein the mobile terminals comprise cellular telephones supporting the Wireless Application Protocol.

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